

| <b>Fluid Filled Transformers</b> |   |                               |                  |
|----------------------------------|---|-------------------------------|------------------|
| <b>Impacts</b>                   | <b>Units<sup>1</sup></b>                    | <b>H41S-0004</b>              | <b>LHAI-0001</b> |
| Acidification                    | millimoles H <sup>+</sup> equivalents       | 1.32E+03                      | 5.09E+03         |
| Criteria Air Pollutants          | microDALYs                                  | 5.47E-01                      | 8.42E-01         |
| Ecological Toxicity              | g 2,4-D equivalents                         | 3.41E+01                      | 1.51E+02         |
| Eutrophication                   | g N equivalents                             | 2.56E+00                      | 2.53E+01         |
| Fossil Fuel Depletion            | MJ surplus energy                           | 4.67E+01                      | 9.20E+01         |
| Global Warming                   | g CO <sub>2</sub> equivalents               | 5.31E+03                      | 8.29E+03         |
| Habitat Alteration               | T&E count                                   | 0.00E+00                      | 0.00E+00         |
| Human Health                     | g C <sub>7</sub> H <sub>8</sub> equivalents | 4.17E+04                      | 6.84E+04         |
| Indoor Air Quality               | g TVOCs                                     | 0.00E+00                      | 0.00E+00         |
| Ozone Depletion                  | g CFC-11 equivalents                        | 1.37E-07                      | 4.60E-07         |
| Smog                             | g NO <sub>x</sub> equivalents               | 1.83E+01                      | 1.02E+02         |
| Water Intake                     | liters of water                             | 1.36E+02                      | 6.90E+02         |
| Functional Unit                  | -----                                       | 1 Gallon of Transformer Fluid |                  |

<sup>1</sup>Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and endangered species count; Human Health: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chloroflouorocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.